

REMARKS

Claims 1-13 have been amended. New claims 14-16 have been added. No new matter has been added. Claims 1-16 remain in the application. Reconsideration and reexamination is respectfully requested.

In the office action dated 08/20/2004, claims 2, 4-5 and 11 were objected to because of various informalities. Claims 2, 4-5 and 11 have been amended accordingly.

In the office action dated 08/20/2004, claims 1-13 were rejected under 35 U.S.C. § 102 as allegedly anticipated by U.S. Patent Number 6,034,406 (Kobayashi *et al.*). Applicant respectfully traverses with respect to claim 13 as originally filed. Regarding claim 13, Kobayashi *et al.* do not teach or suggest providing at least one photosensor that accumulates charge even when no illumination is present. Claim 13 has been amended to further clarify that the accumulated charge is not just noise. This was specified in the claims as originally filed in the limitation that the signals from the first and second photosensors, with no illumination, are different.

The following comments are in regard to other art made of record by the examiner.

U.S. Patent Numbers 6,596,981 and 6,737,626 do not teach or suggest type or source information encoded into signals, as specified in claims 1-12 and 14-16, or providing a photosensor that accumulates charge even when no illumination is present, as specified in claim 13.

Entry of this amendment is respectfully requested. This application is considered to be in condition for allowance and such action is earnestly solicited.

Respectfully submitted,

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